

WEST Search History

DATE: Wednesday, January 18, 2006

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	pristinaespiralis and pristinamycin and ligase	12
		<i>DB=USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L2	pristinaespiralis and pristinamycin and ligase	17
<input type="checkbox"/>	L1	pristinaespiralis and pritinamycin and ligase	0

END OF SEARCH HISTORY

Hit List

First Hit

Search Results - Record(s) 1 through 17 of 17 returned.

☐ 1. Document ID: US 6936422 B2

Using default format because multiple data bases are involved.

L2: Entry 1 of 17

File: USPT

Aug 30, 2005

US-PAT-NO: 6936422

DOCUMENT-IDENTIFIER: US 6936422 B2

TITLE: Polynucleotides and their use for detecting resistance to streptogramin A or to streptogramin B and related compounds

DATE-ISSUED: August 30, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
El Solh; Nevine	Vincennes			FR
Allignet; Jeanine	Nanterre			FR

US-CL-CURRENT: 435/6; 435/7.1, 435/7.34, 435/91.1, 435/91.2, 435/975, 536/23.1, 536/23.7, 536/24.3, 536/24.32, 536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	------------	--------	------	----------

☐ 2. Document ID: US 6833382 B2

L2: Entry 2 of 17

File: USPT

Dec 21, 2004

US-PAT-NO: 6833382

DOCUMENT-IDENTIFIER: US 6833382 B2

TITLE: Streptogramins and method for preparing same by mutasynthesis

DATE-ISSUED: December 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blanc; Veronique	Paris			FR
Thibaut; Denis	Paris			FR
Bamas-Jacques; Nathalie	Paris			FR
Blanche; Francis	Paris			FR
Crouzet; Joel	Sceaux			FR
Barriere; Jean-Claude	Bures-sur-Yvette			FR

Debussche; Laurent	Athis-Mons	FR
Famechon; Alain	Janville-sur-Juine	FR
Paris; Jean-Marc	Vaires-sur-Marne	FR
Dutruc-Rosset; Gilles	Paris	FR

US-CL-CURRENT: 514/410; 546/194

ABSTRACT:

Novel group B streptogramin-like compounds of general formula (I), and a method for preparing streptogramins by mutasynthesis using a mutated micro-organism to influence the biosynthesis of at least one of the precursors of group B streptogramins are disclosed. Novel nucleotide sequences involved in the biosynthesis of said precursors, and their uses, are also disclosed.

27 Claims, 13 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 3. Document ID: US 6670157 B1

L2: Entry 3 of 17

File: USPT

Dec 30, 2003

US-PAT-NO: 6670157

DOCUMENT-IDENTIFIER: US 6670157 B1

TITLE: Polypeptides involved in the biosynthesis of streptogramins, nucleotide sequences coding for these polypeptides and their use

DATE-ISSUED: December 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blanc; Veronique	Paris			FR
Blanche; Francis	Paris			FR
Crouzet; Joel	Paris			FR
Jacques; Nathalie	Paris			FR
Lacroix; Patricia	Bry-sur-Marne			FR
Thibaut; Denis	Paris			FR
Zagorec; Monique	Paris			FR
Debussche; Laurent	Athis Mons			FR
De Crecy-Lagard; Valerie	Grosrouvre			FR

US-CL-CURRENT: 435/120; 435/117, 435/118, 435/119

ABSTRACT:

The invention concerns methods for preparing pristinamycin IIB and methods for preparing modified pristinamycin IIB.

20 Claims, 35 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 4. Document ID: US 6570001 B1

L2: Entry 4 of 17

File: USPT

May 27, 2003

US-PAT-NO: 6570001

DOCUMENT-IDENTIFIER: US 6570001 B1

**** See image for Certificate of Correction ****

TITLE: Polynucleotides and their use for detecting resistance to streptogramin A or to streptogramin B and related compounds

DATE-ISSUED: May 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Solh; Nevine El	Vincennes			FR
Allignet; Jeanine	Nanterre			FR

US-CL-CURRENT: 536/23.1; 435/183, 435/252.3, 435/320.1, 435/69.1, 536/23.2, 536/24.3, 536/24.32, 536/24.33

ABSTRACT:

The present invention pertains to polynucleotides derived from staphylococcal genes encoding resistance to streptogramin A or to streptogramin B and chemically related compounds. This invention also relates to the use of the polynucleotides as oligonucleotide primers or probes for detecting Staphylococcal strains that are resistant to streptogramin A or to streptogramin B and related compounds in a biological sample. In another embodiment, the present invention is directed to the full length coding sequences of the staphylococcal genes encoding for resistance to streptogramin A or to streptogramin B from Staphylococcus and to the polypeptides expressed by these full length coding sequences. Further, this invention relates to the use of the expressed polypeptides to produce specific monoclonal or polyclonal antibodies that serve as detection means in order to characterize any staphylococcal strain carrying genes encoding resistance to streptogramin A or to streptogramin B.

33 Claims, 14 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 5. Document ID: US 6506893 B1

L2: Entry 5 of 17

File: USPT

Jan 14, 2003

US-PAT-NO: 6506893

DOCUMENT-IDENTIFIER: US 6506893 B1

TITLE: Polynucleotides and their use for detecting resistance to streptogramin A or to streptogramin B and related compounds

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
El Solh; Nevine	Vincennes			FR
Allignet; Jeanine	Nanterre			FR

US-CL-CURRENT: 536/23.7; 424/234.1, 424/244.1, 435/320.1, 435/6, 435/69.1, 435/91.2, 536/23.1

ABSTRACT:

The present invention pertains to polynucleotides derived from staphylococcal genes encoding resistance to streptogramin A or to streptogramin B and chemically related compounds. This invention relates to the use of polynucleotides as oligonucleotide primers or probes for detecting Staphylococcal strains that are resistant to streptogramin A or to streptogramin B and related compounds in a biological sample. The present invention is directed to the full length coding sequences of the staphylococcal genes encoding for resistance to streptogramin A or to streptogramin B from Staphylococcus and to polypeptides expressed by these full length coding sequences. This invention relates to the use of the expressed polypeptides to produce specific monoclonal or polyclonal antibodies that serve as detection means in order to characterize any staphylococcal strain carrying genes encoding resistance to streptogramin A or to streptogramin B.

3 Claims, 14 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawing
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 6. Document ID: US 6482631 B1

L2: Entry 6 of 17

File: USPT

Nov 19, 2002

US-PAT-NO: 6482631

DOCUMENT-IDENTIFIER: US 6482631 B1

TITLE: Polynucleotides encoding indole-3-glycerol phosphate synthase from soybean

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
------	------	-------	----------	---------

Hitz; William D.	Wilmington	DE
Maxwell; Carl A.	Elkton	MD
Tao; Yong	Newark	DE

US-CL-CURRENT: [435/232](#); [435/252.3](#), [435/254.11](#), [435/320.1](#), [435/325](#), [435/419](#),
[536/23.1](#), [536/23.2](#), [536/23.6](#), [800/278](#), [800/295](#), [800/298](#)

ABSTRACT:

This invention related to an isolated nucleic acid fragment encoding a tryptophan biosynthetic enzyme. This invention also related to the construction of a Chimeric gene encoding all or a portion of the tryptophan biosynthetic enzyme, in sense or antisense orientation, wherein expression of the Chimeric gene results in the production of altered levels of the tryptophan biosynthetic enzyme in a transformed host cell. The tryptophan biosynthetic enzymes include anthranilate phosphoribosyltransferase (E.C. 2.4.2.18) from corn (*Zea mays*), soybean (*Glycine max*) and wheat (*Triticum aestivum*); indole-3-glycerol phosphate synthase (E.C. 4.1.1.48) from corn (*Zea mays*), rice (*Oryza sativa*), soybean (*Glycine max*), and wheat (*Triticum aestivum*); and phosphoribosylanthranilate isomerase (E.C. 5.3.1.24) from corn (*Zea mays*), rice (*Oryza sativa*), (and wheat (*Triticum aestivum*)).

13 Claims, 3 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 7. Document ID: US 6352839 B1

L2: Entry 7 of 17

File: USPT

Mar 5, 2002

US-PAT-NO: 6352839

DOCUMENT-IDENTIFIER: US 6352839 B1

**** See image for Certificate of Correction ****

TITLE: Streptogramins for preparing same by mutasynthesis

DATE-ISSUED: March 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blanc; Veronique	Paris			FR
Thibaut; Denis	Paris			FR
Bamas-Jacques; Nathalie	Paris			FR
Blanche; Francis	Paris			FR
Crouzet; Joel	Sceaux			FR
Barriere; Jean-Claude	Bures-sur-Yvette			FR
Debussche; Laurent	Athis-Mons			FR
Famechon; Alain	Janville-sur-Juine			FR
Paris; Jean-Marc	Vaires-sur-Marne			FR
Dutruc-Rosset; Gilles	Paris			FR

US-CL-CURRENT: [435/41](#); [435/106](#), [435/117](#), [435/232](#), [435/252.35](#), [435/320.1](#), [536/23.1](#),
[536/23.2](#), [536/23.7](#)

ABSTRACT:

The invention provides a method for preparing streptogramins using genetically-modified microorganisms to influence the biosynthesis of at least one of the precursors of the group B streptogramins. Cultures of the genetically-modified microorganisms are supplemented with a least one precursor that is different from the streptogramin precursor whose biosynthesis is altered and the streptogramins produced are recovered.

20 Claims, 14 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 14

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawing
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

☐ 8. Document ID: US 6171846 B1

L2: Entry 8 of 17

File: USPT

Jan 9, 2001

US-PAT-NO: 6171846

DOCUMENT-IDENTIFIER: US 6171846 B1

TITLE: Polypeptides involved in the biosynthesis of streptogramins, nucleotide sequences coding for these polypeptides and their use

DATE-ISSUED: January 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blanc; Veronique	Paris			FR
Blanche; Francis	Paris			FR
Crouzet; Joel	Paris			FR
Jacques; Nathalie	Paris			FR
LaCroix; Patricia	Bry-sur-Marne			FR
Thibaut; Denis	Paris			FR
Zagorec; Monique	Paris			FR
DeBussche; Laurent	Athis Mons			FR
De Crecy-Lagard; Valerie	Grosrouvre			FR

US-CL-CURRENT: [435/252.35](#); [435/252.33](#), [435/320.1](#), [435/471](#), [435/486](#), [435/488](#),
[536/23.1](#), [536/23.2](#), [536/23.7](#)

ABSTRACT:

The invention concerns mutant microorganisms blocked in a step of Streptogramin biosynthesis and methods for preparing cells blocked in a step of Streptogramin biosynthesis.

20 Claims, 33 Drawing figures

Exemplary Claim Number: 1
Number of Drawing Sheets: 31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawing De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------

☐ 9. Document ID: US 6133016 A

L2: Entry 9 of 17

File: USPT

Oct 17, 2000

US-PAT-NO: 6133016

DOCUMENT-IDENTIFIER: US 6133016 A

**** See image for Certificate of Correction ****

TITLE: Sphingomonas biodesulfurization catalyst

DATE-ISSUED: October 17, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Darzins; Aldis	The Woodlands	TX		
Mrachko; Gregory T.	Spring	TX		

US-CL-CURRENT: 435/252.3; 435/189, 435/254.11, 435/320.1, 536/23.2

ABSTRACT:

The invention relates to a novel microorganism, designated Sphingomonas sp. strain AD109, which is capable of selectively desulfurizing dibenzothiophene. The invention also includes isolated proteins and nucleic acid sequences obtained from this microorganism. In another embodiment, the invention provides a method of using this microorganism or enzyme preparations derived therefrom in the biocatalytic desulfurization of a fossil fuel containing organic sulfur compounds.

46 Claims, 11 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 24

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawing De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------

☐ 10. Document ID: US 6077699 A

L2: Entry 10 of 17

File: USPT

Jun 20, 2000

US-PAT-NO: 6077699

DOCUMENT-IDENTIFIER: US 6077699 A

**** See image for Certificate of Correction ****

TITLE: Polypeptides involved in the biosynthesis of streptogramins, nucleotide sequences coding for these polypeptides and their use

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blanc; Veronique	F-75012 Paris			FR
Blanche; Francis	F-75019 Paris			FR
Crouzet; Joel	F-75012 Paris			FR
Jacques; Nathalie	F-75015 Paris			FR
Lacroix; Patricia	F-94360 Bry-sur-Marne			FR
Thibaut; Denis	F-75013 Paris			FR
Zagorec; Monique	F-75002 Paris			FR
Debussche; Laurent	91200 Athis Mons			FR
De Crecy-Lagard; Valerie	78490 Grosrouvre			FR

US-CL-CURRENT: 435/183; 435/252.33, 435/320.1, 435/41, 530/350, 536/23.1, 536/23.2, 536/23.7

ABSTRACT:

Disclosed is the nucleic acid sequences for polypeptides and enzymes involved in the biosynthesis of streptogramins from Streptomyces sp. and the corresponding amino acid sequences. Also disclosed are recombinant vectors and cells as well as methods of making the polypeptides, enzymes and streptogramins using the recombinant host cells.

12 Claims, 36 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 11. Document ID: US 5891695 A

L2: Entry 11 of 17

File: USPT

Apr 6, 1999

US-PAT-NO: 5891695

DOCUMENT-IDENTIFIER: US 5891695 A

TITLE: Polypeptides involved in the biosynthesis of streptogramins, nucleotide sequences coding for these polypeptides and their use

DATE-ISSUED: April 6, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blanc; Veronique	Paris			FR
Blanche; Francis	Paris			FR
Crouzet; Joel	Paris			FR
Jacques; Nathalie	Paris			FR
Lacroix; Patricia	Bry-sur-Marne			FR

Thibaut; Denis	Paris	FR
Zagorec; Monique	Paris	FR
Debussche; Laurent	Athis Mons	FR
De Crecy-Lagard; Valerie	Grosrouvre	FR

US-CL-CURRENT: 435/183, 435/189, 435/252.33, 435/320.1, 435/41, 435/69.1, 530/350, 536/23.1, 536/23.2, 536/23.7

ABSTRACT:

The invention concerns nucleotide sequences coding for a polypeptide involved in Streptogramin biosynthesis, recombinant cells containing said sequences, and use thereof.

11 Claims, 33 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Drawing
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 12. Document ID: US 5190871 A

L2: Entry 12 of 17

File: USPT

Mar 2, 1993

US-PAT-NO: 5190871

DOCUMENT-IDENTIFIER: US 5190871 A

TITLE: Use of the site-specific integrating function of phage .phi.C31

DATE-ISSUED: March 2, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cox; Karen L.	Martinsville	IN		
Kuhstoss; Stuart A.	Indianapolis	IN		
Rao; R. Nagaraja	Indianapolis	IN		
Richardson; Mark A.	Indianapolis	IN		
Schoner; Brigitte E.	Monrovia	IN		
Seno; Eugene T.	Indianapolis	IN		

US-CL-CURRENT: 435/477, 435/252.35, 435/320.1

ABSTRACT:

The present invention provides a method for transforming an actinomycete with an integrating vector which has the advantages of high transformation rates into a broad host range, site-specific integration, and stable maintenance without antibiotic selection. Also provided are methods for the increased production of antibiotics and for the production of hybrid antibiotics.

28 Claims, 7 Drawing figures

Exemplary Claim Number: 1
Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 13. Document ID: US 5057425 A

L2: Entry 13 of 17

File: USPT

Oct 15, 1991

US-PAT-NO: 5057425
DOCUMENT-IDENTIFIER: US 5057425 A

TITLE: Picromycin resistance-conferring gene, designated pica, for use in streptomyces and other organisms

DATE-ISSUED: October 15, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stanzak; Richard K.	Poland	IN		

US-CL-CURRENT: 435/252.3; 435/169, 435/252.33, 435/252.35, 435/320.1, 435/34, 435/69.1, 435/71.1, 435/886, 435/91.41, 536/23.7

ABSTRACT:

A novel gene conferring resistance to picromycin in Streptomyces and related organisms was cloned from a genomic library of Streptomyces felleus DNA. The novel picromycin resistance-conferring gene can be isolated on an .about.2.8 kb PvuII fragment by subcloning the restriction fragment from plasmid pOJ321. This PvuII fragment contains all of the information required for the expression of the picromycin resistant phenotype in Streptomyces. Methods for inducing resistance, as well as vectors and transformants containing the novel picromycin resistance gene, are provided.

31 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 14. Document ID: US 4935340 A

L2: Entry 14 of 17

File: USPT

Jun 19, 1990

US-PAT-NO: 4935340
DOCUMENT-IDENTIFIER: US 4935340 A

TITLE: Method of isolating antibiotic biosynthetic genes

DATE-ISSUED: June 19, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Baltz; Richard H.	Indianapolis	IN		
Rao; R. Nagaraja	Indianapolis	IN		
Stanzak; Richard K.	Poland	IN		
Treadway; Patti J.	Greenwood	IN		

US-CL-CURRENT: 435/6; 435/252.35, 435/489, 435/91.41, 536/23.7, 536/24.32

ABSTRACT:

The present invention is a method for isolating antibiotic biosynthetic genes. To practice the method, an antibiotic resistance-conferring DNA segment is labelled and used as a probe to find, via DNA hydridization, homologous DNA in a genetic library which comprises chromosomal and plasmid DNA of an antibiotic-producing organism. Individual vectors of the genetic library which hybridize to the antibiotic resistance-conferring gene, and which comprise .about.1-45 kb of contiguous DNA from the antibiotic-producing organism, which also comprise an antibiotic biosynthetic gene. The present method is exemplified by using the erythromycin resistance-conferring gene of Streptomyces erythreus to clone the erythromycin biosynthetic pathway from the same organism. The erythromycin biosynthetic pathway isolated with the present method synthesizes erythromycin when introduced into S. lividans TK23.

16 Claims, 2 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 15. Document ID: US 4914030 A

L2: Entry 15 of 17

File: USPT

Apr 3, 1990

US-PAT-NO: 4914030

DOCUMENT-IDENTIFIER: US 4914030 A

**** See image for Certificate of Correction ****

TITLE: Carbomycin resistance-conferring gene, designated carb, for use in streptomyces and other organisms

DATE-ISSUED: April 3, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schoner; Brigitte E.	Zionsville	IN		
Epp; Janet K.	Indianapolis	IN		

US-CL-CURRENT: 435/6; 435/34, 435/486, 435/69.1, 435/76

ABSTRACT:

The carB gene is a novel carbomycin resistance-conferring gene isolated from Streptomyces thermotolerans and used to construct a number of cloning vectors for use in Streptomyces and related organisms. One such cloning vector, plasmid pOJ159, can be obtained in S. griseofuscus C581 under the accession number NRRL 18090. S. lividans and S. griseofuscus are the preferred hosts when the carB gene is used to select carbomycin-resistant Streptomyces transformants.

25 Claims, 2 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 16. Document ID: US 4904591 A

L2: Entry 16 of 17

File: USPT

Feb 27, 1990

US-PAT-NO: 4904591
DOCUMENT-IDENTIFIER: US 4904591 A

TITLE: Carbomycin resistance-conferring gene, designated cara, for use in streptomyces and other organisms

DATE-ISSUED: February 27, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Epp; Janet K.	Indianapolis	IN		
Schoner; Brigitte E.	Zionsville	IN		

US-CL-CURRENT: 435/6; 435/252.35, 435/253.5, 435/320.1, 435/486, 435/886, 536/23.1, 536/23.2

ABSTRACT:

The carA gene is a novel carbomycin resistance-conferring gene isolated from Streptomyces thermotolerans and used to construct a number of cloning vectors for use in Streptomyces and related organisms. One such cloning vector, plasmid pOJ158, can be obtained in S. griseofuscus C581 under the accession number NRRL 18089. S. lividans and S. griseofuscus are the preferred hosts when the carA gene is used to select carbomycin-resistant Streptomyces transformants.

19 Claims, 3 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 17. Document ID: US 4886757 A

L2: Entry 17 of 17

File: USPT

Dec 12, 1989

US-PAT-NO: 4886757

DOCUMENT-IDENTIFIER: US 4886757 A

TITLE: Spiramycin resistance-conferring cloning vectors

DATE-ISSUED: December 12, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Richardson; Mark A.	Indianapolis	IN		

US-CL-CURRENT: [435/252.3](#); [435/183](#), [435/252.33](#), [435/252.35](#), [435/320.1](#), [435/849](#),
[435/872](#), [435/886](#), [536/23.1](#)

ABSTRACT:

A novel gene conferring resistance to spiramycin in Streptomyces and related organisms was cloned from a genomic library of Streptomyces ambofaciens DNA. A thirty-one Kb fragment of S. ambofaciens DNA including the spiramycin-resistance gene was isolated from this library on a cosmid designated pKC592. The novel spiramycin-resistance gene can be isolated on an .about.2.9 Kb BamHI fragment by subcloning restriction fragments obtained from the pKC592 insert DNA. This BamHI fragment contains all of the information required for the expression of the spiramycin resistant phenotype in Streptomyces. Vectors and transformants containing the novel spiramycin resistance gene are provided.

29 Claims, 13 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KIMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	----------	------------	--------	------	--------

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Terms

Documents

pristinaespiralis and pristinamycin and
ligase

17

Display Format:

Change Format

[Previous Page](#)[Next Page](#)[Go to Doc#](#)

Hit List

First Hit

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 12 of 12 returned.

☐ 1. Document ID: US 20050287641 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 12

File: PGPB

Dec 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050287641

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050287641 A1

TITLE: Gene encoding a nonribosomal peptide synthetase for the production of ramoplanin

PUBLICATION-DATE: December 29, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Farnet, Chris M.	Outremont		CA
Zazopoulos, Emmanuel	Montreal		CA
Staffa, Alfredo	Saint-Laurent		CA

US-CL-CURRENT: [435/69.1](#); [435/220](#), [435/252.3](#), [435/320.1](#), [530/322](#), [536/23.7](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 2. Document ID: US 20050250183 A1

L3: Entry 2 of 12

File: PGPB

Nov 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050250183

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050250183 A1

TITLE: In vivo incorporation of unnatural amino acids

PUBLICATION-DATE: November 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Schultz, Peter	La Jolla	CA	US
Wang, Lei	San Diego	CA	US
Anderson, John Christopher	San Diego	CA	US
Chin, Jason William	Cambridge	MA	GB

Liu, David R.	Lexington	CT	US
Magliery, Thomas J.	North Haven	PA	US
Meggers, Eric L.	Philadelphia	PA	US
Mehl, Ryan A.	Lancaster	CA	US
Pastrnak, Miro	San Diego	MA	US
Santoro, Stephen William	Cambridge	CA	US
Zhang, Zhiwen	San Diego		US

US-CL-CURRENT: [435/69.1](#); [435/108](#), [435/109](#), [435/252.33](#), [435/320.1](#), [435/488](#), [435/85](#),
[530/395](#), [530/399](#), [536/23.5](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 3. Document ID: US 20050208560 A1

L3: Entry 3 of 12

File: PGPB

Sep 22, 2005

PGPUB-DOCUMENT-NUMBER: 20050208560

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050208560 A1

TITLE: Polynucleotides and their use for detecting resistance to streptogramin A or to streptogramin B and related compounds

PUBLICATION-DATE: September 22, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Solh, Nevine El	Vincennes		FR
Allignet, Jeanine	Nanterre		FR

US-CL-CURRENT: [435/6](#); [435/252.3](#), [435/320.1](#), [435/69.3](#), [530/350](#), [536/23.7](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 4. Document ID: US 20050202528 A1

L3: Entry 4 of 12

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050202528

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050202528 A1

TITLE: Polypeptides involved in the biosynthesis of spiramycins, nucleotide sequences encoding these polypeptides and applications thereof

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
------	------	-------	---------

Blondelet-Rouault, Marie-Helene	Orsay	FR
Dominguez, Helene	Avignon	FR
Darbon-Rongere, Emmanuelle	Voisins Le Bretonneux	FR
Gerbaud, Claude	Gagny	FR
Gondran, Anne	Paris	FR
Karray, Fatma	Bures Sur Yvette	FR
Lacroix, Patricia	Le Perreux	FR
Oestreicher-Mermet-Bouvier, Nathalie	Clamart	FR
Pernodet, Jean-Luc	Cachan	FR
Tuphile, Karine	Caluire	FR

US-CL-CURRENT: [435/69.1](#); [435/193](#), [435/252.35](#), [435/320.1](#), [435/75](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 5. Document ID: US 20040229236 A1

L3: Entry 5 of 12

File: PGPB

Nov 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040229236

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040229236 A1

TITLE: Polypeptides involved in the biosynthesis of streptogramins, nucleotide sequences coding for these polypeptides and their use

PUBLICATION-DATE: November 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Blanc, Veronique	Paris		FR
Blanche, Francis	Paris		FR
Crouzet, Joerl	Paris		FR
Jacoues, Nathalie	Paris		FR
Lacroix, Patricia	Bry-sur-Marne		FR
Thibaut, Denis	Paris		FR
Zagorec, Monique	Paris		FR
Debussche, Laurent	Athis Mons		FR
Crecy-Lagard, Valerie De	Grosrouvre		FR

US-CL-CURRENT: [435/6](#); [435/220](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 6. Document ID: US 20040214274 A1

L3: Entry 6 of 12

File: PGPB

Oct 28, 2004

PGPUB-DOCUMENT-NUMBER: 20040214274

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040214274 A1

TITLE: Transformants producing substance pfl022 derivatives, methods for producing the same, and novel biosynthesis genes

PUBLICATION-DATE: October 28, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yanai, Koji	Odawara-Shi		JP
Sumida, Naomi	Odawara-Shi		JP
Watanabe, Manabu	Odawara-Shi		JP
Moriya, Takatsuki	Odawara-Shi		JP
Murakami, Takeshi	Odawara-Shi		JP

US-CL-CURRENT: [435/69.1](#); [435/253.2](#), [435/320.1](#), [530/317](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 7. Document ID: US 20030211567 A1

L3: Entry 7 of 12

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030211567
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030211567 A1

TITLE: Compositions, methods and systems for discovery of lipopeptides

PUBLICATION-DATE: November 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Farnet, Chris M.	Outremont		CA
Staffa, Alfredo	Saint-Laurent		CA
Zazopoulos, Emmanuel	Montreal		CA

US-CL-CURRENT: [435/68.1](#); [435/193](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 8. Document ID: US 20030198981 A1

L3: Entry 8 of 12

File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030198981
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030198981 A1

TITLE: Genes and proteins involved in the biosynthesis of lipopeptides

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Farnet, Chris M.	Outremont		CA
Staffa, Alfredo	Saint-Laurent		CA
Zazopoulos, Emmanuel	Montreal		CA

US-CL-CURRENT: [435/6](#); [435/219](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 9. Document ID: US 20030176679 A1

L3: Entry 9 of 12

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030176679

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030176679 A1

TITLE: Polynucleotides and their use for detecting resistance to streptogramin A or to streptogramin B and related compounds

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
El Solh, Nevine	Vincennes		FR
Allignet, Jeanine	Nanterre		FR

US-CL-CURRENT: [536/23.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 10. Document ID: US 20030158135 A1

L3: Entry 10 of 12

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030158135

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030158135 A1

TITLE: Polynucleotides and their use for detecting resistance to streptogramin A or to streptogramin B and related compounds

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
El Solh, Nevine	Vincennes		FR
Allignet, Jeanine	Nanterre		FR

US-CL-CURRENT: [514/44](#); [435/183](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.7](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 11. Document ID: US 20020164747 A1

L3: Entry 11 of 12

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020164747
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020164747 A1

TITLE: Gene cluster for ramoplanin biosynthesis

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Farnet, Chris M.	Outremont		CA
Zazopoulos, Emmanuel	Outremont		CA
Staffa, Alfredo	St-Leonard		CA

US-CL-CURRENT: [435/193](#); [435/320.1](#), [435/325](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 12. Document ID: US 20020142947 A1

L3: Entry 12 of 12

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020142947
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020142947 A1

TITLE: STREPTOGRAMINS AND METHOD FOR PREPARING SAME BY MUTASYNTHESIS

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Blanc, Veronique	Paris		FR
Thibaut, Denis	Paris		FR
Bamas-Jacques, Nathalie	Paris		FR
Blanche, Francis	Paris		FR
Crouzet, Joel	Sceaux		FR

Barriere, Jean-Claude	Bures-sur-Yvette	FR
Debussche, Laurent	Athis-Mons	FR
Famechon, Alain	Janville-sur-Juine	FR
Paris, Jean-Marc	Vaires-sur-Marne	FR
Dutruc-Rosset, Gilles	Paris	FR

US-CL-CURRENT: [514/9](#); [435/69.1](#), [530/317](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Terms	Documents
pristinaespiralis and pristinamycin and ligase	12

Display Format: [Previous Page](#)[Next Page](#)[Go to Doc#](#)